

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William Herbert Sahm III et al. :
Serial No. : Group Art Unit:
Filed: : Examiner:
For: METHOD AND APPARATUS FOR :
DETECTING CURRENT :

1002 U.S. PTO
10/083841
02/27/02

#5
8/27/00
M. Luedger

INFORMATION DISCLOSURE STATEMENT

1. ☒ Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
2. ☐ Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
3. ☐ Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
4. ☐ Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97 (d)
[before Issue Fee payment]

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 & 1.98:

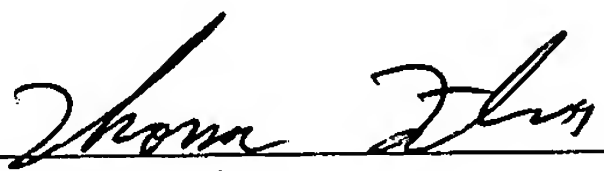
5. ☒ A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This Paper is submitted in accordance with:

6. ☒ 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
7. ☐ 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
8. ☐ The required certification made in item 11 below; or
9. ☐ The \$180 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.

10. ☐ 37 CFR 1.97(d): [before issue fee payment]; and
- ☐ a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention GROUP DIRECTOR, and if applicable include batch locator information: e.g., "Allowed Files, Batch _____, Date of Allowance _____"), and
- ☐ b) The required Certification is stated in item 11 below.
11. ☐ Certification
12. ☐ Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
13. ☐ No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
14. ☒ Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 01-2384. An original and two copies of this document are enclosed.

Respectfully submitted,



Thomas M. Fisher
Reg. No. 47,564
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102-2740
(314) 621-5070

Express Mail No. EL 752187659 US
PATENT
102781

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William Herbert Sahm III et al. :
Serial No. : Group Art Unit:
Filed: : Examiner:
For: METHOD AND APPARATUS FOR :
DETECTING CURRENT :

J1002 U.S. PTO
10/083841
02/27/02

INFORMATION DISCLOSURE STATEMENT

1. ☒ Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
2. ☐ Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
3. ☐ Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
4. ☐ Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97 (d)
[before Issue Fee payment]

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 & 1.98:

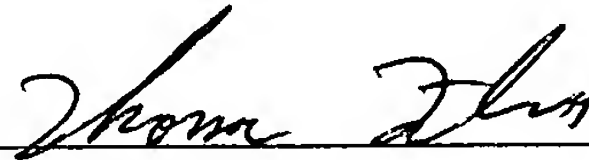
5. ☒ A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This Paper is submitted in accordance with:

6. ☒ 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
7. ☐ 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
8. ☐ The required certification made in item 11 below; or
9. ☐ The \$180 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.

10. ☐ 37 CFR 1.97(d): [before issue fee payment]; and
- ☐ a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention GROUP DIRECTOR, and if applicable include batch locator information: e.g., "Allowed Files, Batch _____, Date of Allowance _____"), and
- ☐ b) The required Certification is stated in item 11 below.
11. ☐ Certification
12. ☐ Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
13. ☐ No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
14. ☒ Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 01-2384. An original and two copies of this document are enclosed.

Respectfully submitted,

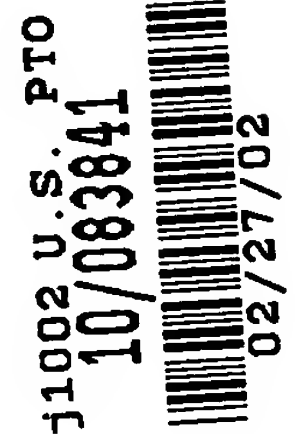


Thomas M. Fisher
Reg. No. 47,564
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102-2740
(314) 621-5070

Express Mail No. EL 752187659 US
PATENT
102781

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William Herbert Sahm III et al. :
Serial No. : Group Art Unit:
Filed: : Examiner:
For: METHOD AND APPARATUS FOR :
DETECTING CURRENT :



INFORMATION DISCLOSURE STATEMENT

1. ☒ Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
2. ☐ Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
3. ☐ Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
4. ☐ Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97 (d)
[before Issue Fee payment]

Hon. Commissioner for Patents
Washington, D.C. 20231

Sir:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 & 1.98:

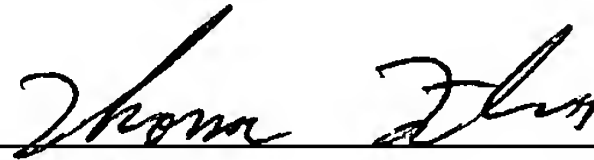
5. ☒ A list of documents on form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This Paper is submitted in accordance with:

6. ☒ 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
7. ☐ 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
8. ☐ The required certification made in item 11 below; or
9. ☐ The \$180 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.

10. ☐ 37 CFR 1.97(d): [before issue fee payment]; and
- ☐ a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention GROUP DIRECTOR, and if applicable include batch locator information: e.g., "Allowed Files, Batch _____, Date of Allowance _____"), and
- ☐ b) The required Certification is stated in item 11 below.
11. ☐ Certification
12. ☐ Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
13. ☐ No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
14. ☒ Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 01-2384. An original and two copies of this document are enclosed.

Respectfully submitted,



Thomas M. Fisher
Reg. No. 47,564
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102-2740
(314) 621-5070

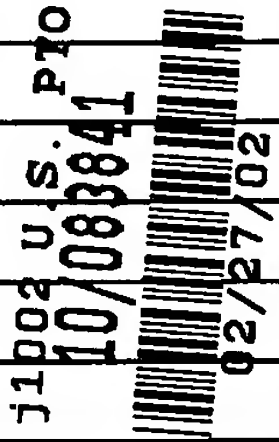
Please Type a plus sign (+) inside this box →

+

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<div>Substitute for form 1449A/PTO</div> <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(use as many sheets as necessary)</div>			Complete if Known		
			Application Number		
			Filing Date		
			First Named Inventor	William Herbert Sahm III	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	102781



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	3,944,846		Thompson et al.	Mar. 16, 1976	
	AB	4,106,071		Sun et al.	Aug. 8, 1978	
	AC	4,125,884		Sun	Nov. 14, 1978	
	AD	4,208,687		Sun et al.	Jun. 17, 1980	
	AE	4,218,718		Sun	Aug. 19, 1980	
	AF	4,384,246		Larsen et al.	May 17, 1983	
	AG	4,607,217		Bhargava	Aug. 19, 1986	
	AH	5,262,677		Ramirez	Nov. 16, 1993	
	AI	5,677,852		Juhlin	Oct. 14, 1997	
	AJ					
	AK					
	AL					
	AM					
	AN					
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	FA							
	FB							
	FC							
	FD							
	FE							
	FF							
	FG							

Examiner Signature		Date Considered:
--------------------	--	------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See Attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WSIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.